Annual Report on the Sir Cowasj
Jehangir Mental Hospital,
Hyderabad (Sind)

For the year 1940

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No. Med./B.-5/3888 of 1941.

Office of the Director of Health Services
and Inspector-General of Prisons, Sind,
(Medical Department),

Karachi, dated the 25th April 1941.

From

Lieut.-Col. N. Briggs, D.P.H., I.M.S.,
Director of Health Services and
Inspector-General of Prisons, Sind.

To

THE CHIEF SECRETARY
TO THE GOVERNMENT OF SIND.
General Department, Karachi.

Subject :—*Annual Report on the Sir Cowasji Jehangir Mental Hospital, Hyderabad (Sind), for the year 1940.*

Sir,

I have the honour to submit the Annual Report on the Sir Cowasji Jehangir Mental Hospital, Hyderabad, for the year 1940.

2. *Buildings.*—The following works, (1) a special block for the accommodation of better class patients and (2) a Radio Cabin, which were started during the year under report, are nearing completion. Minor works in connection with additions to and alterations in the hospital buildings, costing Rs. 3,115 were carried out, during the year.

3. *Water-supply.*—Water continues to be supplied from wells.

4. *Accommodation.*—Accommodation is provided for 203 males and 45 females which is in-adequate; the maximum number of patients accommodated on any one night being 223 males and 56 females. The accommodation will be increased by 18 beds, 12 beds for males and 6 for females—when the special block for better class patient is opened.

5. *Staff.*—

(i) Superintendent—

	From	To
Mr. K. J. Mankani, M.B., B.S., D.O. (Bom.) S.M.S.	1st January 1940.	31st December 1940.

(ii) Sub-charge.—

	From	To
Mr. C. G. Jiandani, S.S.M.S.	1st January 1940.	31st December 1940.

No additional establishment was sanctioned during the year under report.

6. *Conservancy.*—Night soil is buried in pits.

7. *Treatment.*—28 patients were given pyrexia therapy with Sulfocin; of these 9 improved, 8 were cured and 11 showed no change.

Shock treatment by means of Corasol 10 per cent. solution was administered to 33 patients suffering from Dementia Praecox, of these 13 were cured, 7 improved and 13 showed no change.

A glance at the following statement will show the satisfactory results obtained during the past two years, *i.e.*, since the introduction of Cardiazol, Trizol or Corasol compared with the results obtained in the preceding years, *i.e.*, from 1931 to 1938 :—

Year.	Cured.	Improved.
1931	...	1
1932	3	3
1933	...	...
1934	5	2
1935	4	3
1936	3	1
1937	2	...
1938	...	1
Total ...	17	11
1939	6	5
1940	13	7
Total ...	19	12

Statement I.

Population.

8. The following table shows the population, admissions and the daily average strength of the patients in the hospital during the year under report and the previous year :—

—	1939.			1940.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total population in the Mental Hospital.	290	53	343	298	64	362
Total admissions including re-admissions.	96	11	107	86	15	101
The daily average strength.	205·6	46·6	252·2	213·9	52·8	266·7

Discharges and Cures.

9. Forty-eight persons were discharged as cured and 16 as improved. Eight patients escaped during the year under report, and were re-captured.

Sickness and Mortality.

10. The daily average number of sick patients treated was 27·2 as against 19·6 in 1939. The percentage of sickness to the daily average strength was 10·2 as against 7·8 in the previous year. The health of the patients was generally good.

11. The total number of deaths during the year under review was 20 as against 22 in 1939. The ratio of the percentage of deaths to the daily average strength was 7·5 against 8·7 in the previous year.

12. The chief causes of deaths among the patients were Pneumonia, Epilepsy, Diarrhoea and old age.

The Mental Hospital patients were comparatively free from Malaria. This was due to the fact that from the month of September to April, every inmate of the hospital was given a prophylactic dose of Quinine grains V, twice a week and the various wards were regularly sprayed with "flit" made in the hospital. All the inmates and the staff were vaccinated against small-pox and inoculated against cholera.

Statement II.

13. During the year under report, 33 cases were under observation. Of these, 25 were certified to be insane and admitted into the ospital and 8 were released as uncertifiable.

Statement III.

14. During the year under report, the total number of criminal insane patients confined in the hospital was 34 males and 2 females with a daily average strength of 17·6. The following table shows the different classes of criminal insane patients confined in the hospital :—

Description.	Number.
Those who were found to be incapable of offering defence	26
Those who were tried and acquitted on grounds of insanity	1
Those who were tried, convicted and became insane while passing their sentence in a prison ...	9
Total ...	36

Statement IV.

Religion.

15. Of the 101 cases admitted for treatment during the year under report, 44 were Hindus, 54 Muslims, 2 Native Christians and 1 belonged to other caste.

Statement V.

Ages of patients admitted.

16. The ages of patients admitted for treatment during the year w ere as shown below :—

Ages.	No. of patients.
Below 20 years	9
Between 20 and 40 years	71
Between 40 and 60 years	21
Total ...	101

Statement VI.

Forms of Mental Disorder.

17. Among the forms of mental disorder treated during the year under report, the principal were :—

	1940.	1939.
Mental Deficiency	30	26
Maniac Depressive insanity	70	93
Mania	62	58
Melancholia	69	62
Paranoia and Paranoid states	31	25
Cannabis Indica and Charas Psychosis ...	17	16
Cerebral syphilis	5	3

Statement VII.

Probable causes of insanity.

18. The principal pre-disposing and exciting causes were :—

Causes.	No. of cases.
Toxins	19
Business worries	6
Domestic worries	23
Bodily illness	6
Epilepsy	5
Hereditary pre-disposition	3

Statement VIII.

Cash Accounts.

19. The receipts from paying patients amounted to Rs. 26,236 against Rs. 19,473 in the year 1939. The value of stores received from the manufacturing departments (less cost of raw materials, etc.), was Rs. 4,347 and 'miscellaneous receipts amounted to Rs. 175 as against Rs. 2,433 and Rs. 160, respectively, in the preceding year. The total receipts under the three heads amounted to Rs. 30,758 against Rs. 22,066 in 1939. The average number of patients and the maintenance charges levied per capita per annum as compared with the preceding year were :—

	1940.		1939.
Average number of paying patients.	145·6	...	134
Maintenance charges levied per capita per annum	Rs. 180.2	...	Rs. 145.3

20. The gross expenditure on maintaining the Hospital amounted to Rs. 1,00,949 for 1940 against Rs. 84,332 for 1939. Deducting the receipts from the actual expenditure, the net cost to Government was Rs. 39,433 against Rs. 40,200 in 1939.

The value of garden produce was Rs. 2,827 during the year under report.

21. The cost per capita per annum of the daily average strength in the Mental Hospital during the year was Rs. 147·8 as against Rs. 178·6 during 1939. The monthly cost of the maintenance of each patient amounted to Rs. 12-5-0 as against Rs. 14-14-0 during the previous year.

The increase in expenditure is due to improvements in the conditions of life of the patients. Bedsteads, mattresses and pillows, better cloths, woollen sweaters, better utensils, etc., have been provided.

Employment and amusements, etc.

22. The employment of suitable patients, on such work, as gardening, fetching water, maintaining hospital paths, helping in cooking, continued as in previous years.

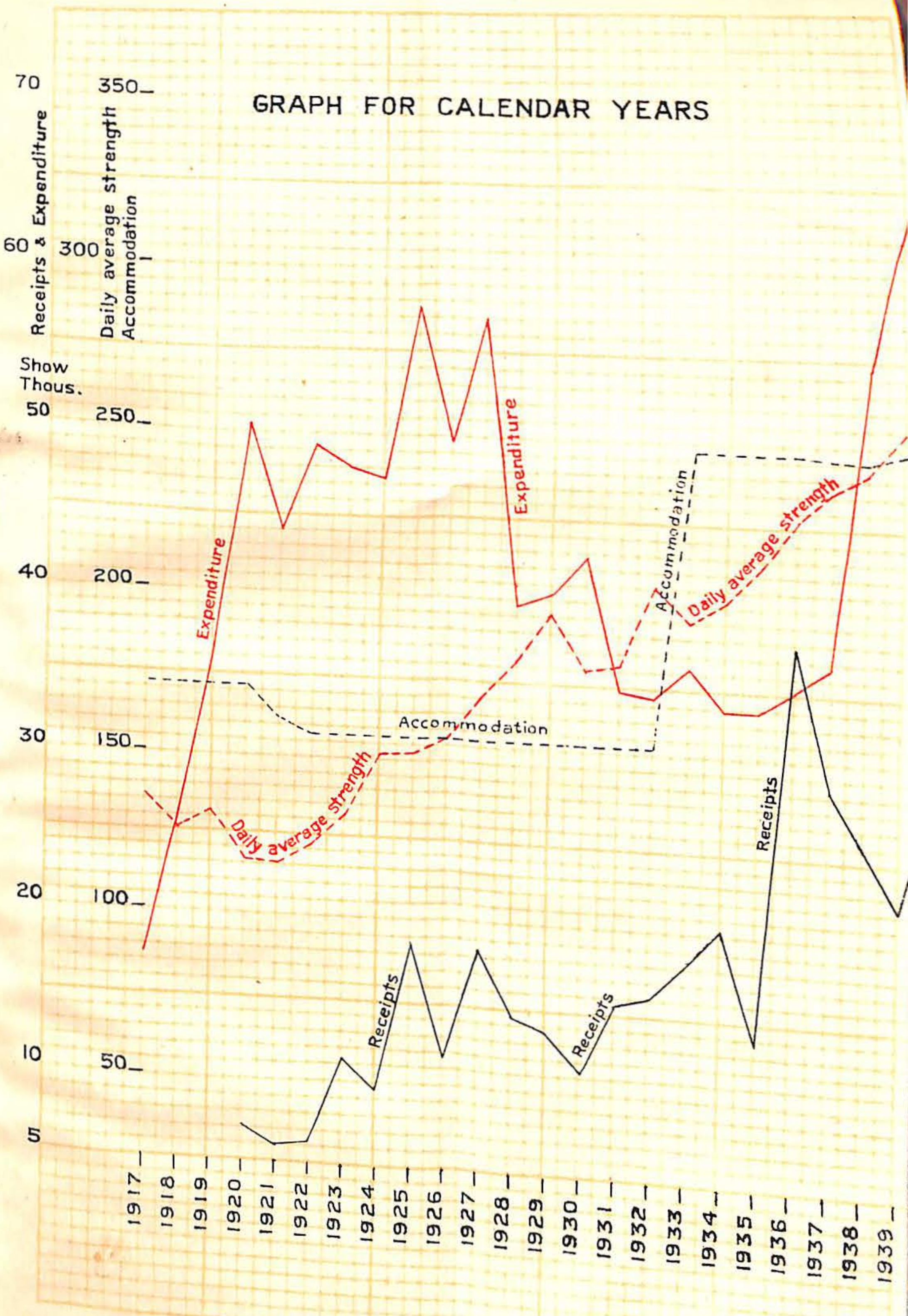
An amount of Rs. 134-8-6 was expended during the year on amusements and recreation for the patients against Rs. 118-3-10 during the previous year. The amusements and recreation provided were picnics, cinema shows, games, and special food on festival days, etc.

23. During the year under report, with the kind help of the Poor Patients Relief Committee at Hyderabad, a Dairy was started from 26th April 1940 in the hospital. This produced 39,556 pounds of milk and curds worth Rs. 3,180. The maintenance of cows cost Rs. 1,066. In case the prescribed quantity of milk had been issued to the patients through the Contractor, it would have cost Government Rs. 2,640-6-9. It will thus be seen that Government have saved Rs. 980-6-9 during the period of the running of the Dairy. Full results of this experiment will be given in the Annual Report next year. Thanks are due to the various donors of the cows and to the Poor Patients Relief Committee through whom the Superintendent was able to obtain them.

Thanks are also due to:—

(1) Messrs. Jagat Talkies, Hyderabad (Sind).	for allowing free cinema shows to the patients on many occasions during the year.
(2) Bhai Kishinchand ...	for giving 70 cotton jerseys.
(3) Bhai Partabrai Dialdas ...	for giving 150 woollen sweaters.
(4) Dr. Gopaldas ...	for giving two rackets.
(5) Mr. Dharamdas ...	for giving a net for tennis.
(6) Bhai Daryonomal Hotchand.	for giving one "Ghana".
(7) Bhai Sobhraj Jhamatmal.	for supplying a foot-ball, tennis balls and pulley for tennis poles.

As it was not possible to obtain suitable woollen blankets during the year, cotton quilts, costing about Rs. 5-10-0 each were purchased. These were much appreciated by the patients and proved to be more economical as one quilt and one blanket were more than sufficient to protect them from cold as against 4 blankets issued previously. The quilts were issued only to selected patients, who were reasonably clean in their habits.



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G.P.Z.O. POONA, 1941.

Visitors.

24. All the Official Visitors, except one who attended only one meeting in December, were regular in their attendance.

During the year, the Hospital was visited by:—

(1) The Honourable Mr. Nihchaldas, Minister of Health and Public Works Department.

(2) The Honourable Shaikh Abdul Majid, Minister of Health and Finance.

(3) The Honourable R. S. Gokaldas, Minister for Local Self-Government and Agriculture.

Concluding Remarks.

25. Mr. K. J. Mankani has carried out his duties as Medical Superintendent in a highly satisfactory manner and is to be congratulated on the improvements made and on the successful results in treatment mentioned in the Report.

The staff although over-worked is reported to have worked satisfactorily during the year.

I have the honour to be,
Sir,
Your most obedient servant,
N. BRIGGS, Lieut.-Colonel, I.M.S.,
Director of Health Services and Inspector-General of Prisons, Sind.

STATEMENT

Statement showing cases admitted for Observation in the Sir Provincial total (vide

1	2			3			4			5		
Years.	Remaining on 1st January. 1940.			Admitted.			Re-admitted.			Certified and admitted into Mental Hospital.		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female.	Total
1940	2	..	2	27	4	31	...	...	...	22	3	25
1939	1	...	1	39	2	41	...	...	...	26	2	28
1938	3	...	3	26	2	28	...	...	...	19	1	20

STATEMENT

Return of Criminal Patients in the Mental Hospital of totals for two previous years (vide

1	2			3			4			5		
Mental Hospital.	Remaining on 1st January. 1940.			Admitted.			Re-admitted.			Total.		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Hyderabad (Sir Cowasji Jehangir).	23		25	10	...	10	1	...	1	34	2	36
1940	23	2	25	10	...	10	1	...	1	34	2	36
1939	22	1	23	11	1	12	...	...	...	33	2	35
1938	23	...	23	10	1	11	...	...	...	33	1	34

No. II.

C. J. Mental Hospital, Hyderabad (Sind), for the year 1940 and paragraph 13 of the Report).

6			7			8			9			10
Certified and released under section 14, Act IV of 1912.			Released as uncertifiable.			Died.			Remaining on 31 December 1940.			Remarks.
Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
...	...	...	7	1	8	...	...	...	...	...	...	
2	...	2	9	...	9	1	...	1	2	...	2	
2	...	2	7	1	8	...	...	...	1	...	1	

No. III.

the Province of Sind for the year 1940 and Provincial paragraph 14 of the Report).

6			7			8			9		
Discharged, transferred, etc.			Died.			Remaining on 31st December. 1939.			Daily Average strength.		
Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
19	2	21	2	...	2	13	...	13	16·2	1·4	17·6
19	2	21	2	...	2	13	...	13	16·2	1·4	17·6
6	...	6	4	...	4	23	2	25	22·2	1·2	23·4
8	...	8	3	...	3	22	1	23	23·1	0·08	23·18

STATEMENT No. IV.

Statement showing the Religion, Sex and Residence of Patients admitted into the Mental Hospital of the Province of Sind, during the year 1940 and Provincial totals for two previous years (vide *paragraph 15 of the Report*).

1	2			3			4						5			6		
District.	Hindus.			Muhammadans.			Christians.						Other Castes.			Total.		
							Europeans and Anglo-Indians.			Indian Christians.								
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Karachi	17	3	20	20	5	25	...	...	...	2	...	2	...	...	...	39	8	47
Hyderabad (Sind)	8	3	11	12	1	13	...	...	...	...	...	...	1	...	1	21	4	25
Nawabshah	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3
Sukkur	4	1	5	9	...	9	...	...	...	...	...	...	...	...	...	13	1	14
Larkana	3	...	3	2	1	3	...	...	...	...	...	...	...	...	...	5	1	6
Dadu	1	1	2	2	...	2	...	...	...	...	...	...	...	...	...	3	1	4
Upper Sind Frontier	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Thar Parkar	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Baluchistan	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Total ... 1940 ...	36	8	44	47	7	54	...	...	...	2	...	2	1	...	1	86	15	101
Total ... 1939 ...	38	8	46	55	3	58	...	...	...	3	...	3	...	...	...	96	11	107
Total ... 1938 ...	22	5	27	44	5	49	...	...	...	...	...	...	3	...	3	69	10	79

STATEMENT No. V.

Return showing the ages of patients admitted into the Sir C. J. Mental Hospital, Hyderabad (Sind), during the year 1940, and details of two previous years (vide *paragraph 16 of the Report*).

1	2			3			4			5			6		
Years.	Under 20 years.			20 to 40 years.			40 to 60 years.			Upward of 60 years.			Total.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
1940	7	2	9	62	9	71	17	4	21	...	...	...	86	15	101
1939	1	2	3	73	4	77	20	5	25	2	...	2	96	11	107
1938	1	1	2	50	7	57	18	2	20	...	...	...	69	10	79

STATEMENT No. VI.

Showing the form of Mental disorder in the admissions, discharges, recoveries and deaths at the Sir C. J. Mental Hospital, Hyderabad (Sind), during the year ending 31st December 1940 (vide paragraph 17 of the Report).

Form of Mental disorder	Remaining on 31st December 1938.			Admissions during the year.			Total.			Discharges — Recoveries.			Discharges — Otherwise.			Deaths.			Remaining on 31st December, 1940.			Remarks.
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	
1. Mental Deficiency...	21	2	23	4	3	7	25	5	30	1	...	1	2	1	3	2	..	2	20	4	24	
2. Maniac Depressive Insanity... ...	38	13	51	14	5	19	52	18	70	12	2	14	6	...	6	4	1	5	30	15	45	
3. Mania	39	18	57	5	...	5	44	18	62	3	...	3	1	...	1	1	...	1	39	18	57	
4. Melancholia	55	6	61	7	1	8	62	7	69	...	...	...	4	...	4	1	1	2	57	6	63	
5. Schizophrenia including Dementia Præcox.	8	1	9	17	1	18	25	2	27	6	1	7	10	1	11	3	...	3	3	...	6	
6. Secondary Dementia	3	3	6	4	...	4	7	3	10	...	...	...	...	...	...	2	...	2	5	3	8	
7. Paranoia and Paranoid states ...	15	5	20	10	1	11	25	6	31	7	...	7	5	1	6	...	...	...	13	5	18	
8. Epilepsy and Epileptic Insanity ..	9	...	9	3	1	4	12	1	13	...	...	...	...	...	...	2	1	3	10	...	10	
9. Toxic Psychosis—																						
(a) Acute confusional insanity ...	5	...	5	1	1	2	6	1	7	...	...	...	...	...	...	...	...	...	6	1	7	
(b) Alcoholic Psychosis	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1	
(c) Cannabis Indica Psychosis and Charas.	10	1	11	6	...	6	16	1	17	2	...	2	2	...	2	...	...	...	12	1	13	
(d) Of Endocrine origin	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(e) In relation to child-bearing ...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(f) In relation to other constitutional diseases.	1	...	1	...	...	..	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1	
(g) Other Poisons	2	...	2	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	2	...	2	
10. Organic Psychosis—																						
(a) General	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(b) Cerebral Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	
(c) Arteriopathic and Senil Psychosis.	2	...	2	3	...	3	5	...	5	...	...	...	1	...	1	1	...	1	3	...	3	
(d) Encephalitis	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(e) Other-Cerebral lesions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	
11. Neurosis and Psycho-Neurosis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	
12. No appreciable disease	2	...	2	11	2	13	13	2	15	12	1	13	...	...	...	...	1	1	...	...	1	
13. Not yet diagnosed ... ... (Discharged before certification.)	1	...	1	1	...	1	2	...	2	1	...	1	...	...	...	...	...	...	...	...	1	
Total ..	212	49	261	86	15	101	298	64	362	44	4	48	31	3	34	16	4	20	207	53	260	

STATEMENT No. VII.

Showing the probable cause of Insanity in the patients admitted during the year ending 31st December 1940,
(vide *paragraph 18 of the Report*).

	Predisposing Causes			Exciting Causes.			Total.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Mental stress—									
Mental deficiencies	6	3	9	...	...	...	6	3	9
Moral	1	1	2	5	...	5	6	1	7
Business worry	1	...	1	5	...	5	6	...	6
Domestic worry	7	1	8	13	2	15	20	3	23
Stress of Military Service	...	...	...	...	...	...	...	...	...
Religion (Fanatism)	1	...	1	3	...	3	4	...	4
Toxins—									
Cannabis Indica	6	...	6	8	...	8	14	...	14
Alcohol	2	...	2	...	...	...	2	...	2
Other toxins	1	1	2	1	...	1	2	1	3
Physical	...	...	...	...	...	...	...	...	...
Opium	...	...	...	...	...	...	...	...	...
Bodily illness	2	...	2	3	1	4	5	1	6
Pregnancy...	...	...	...	...	...	...	...	...	...
Child-birth	...	...	...	...	...	...	...	...	...
Climateric	...	...	...	...	...	...	...	...	...
Epilepsy	3	...	3	2	...	2	5	...	5
Head injuries	...	...	...	...	...	...	...	...	...
Infections—									
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...
Influenza	...	...	...	...	...	...	...	...	...
Syphilis	3	...	3	1	...	1	4	...	4
Other infections	...	2	2	2	...	2	2	2	4
Old age	2	2	4	...	...	...	2	2	4
Hereditary predisposition	2	1	3	...	...	...	2	1	3
Previous attacks	5	1	6	...	...	...	5	1	6
Unascertained	...	...	...	1	...	1	1	...	1
Total ...	42	12	54	44	3	47	86	15	101

STATEMENT No. VIII.

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STATEMENT No. VIII.

Showing the Cash Accounts of the Mental Hospital of the Province of Sind for the year 1940, and Provincial Totals for two previous years (vide *paragraph 19 of the Report*).

Name of Mental Hospital.	RECEIPTS. Received from the Treasury.	Received from Paying Patients.	Value of Stores received from the Manufacturing Department, less cost of raw materials.	Book Receipts *i.e.*, the Total Expenditure entered in Columns 19, 20 and 21.	Miscellaneous Receipts.	CHARGES. Total.	Establishment. Establishment Proper.	Superintendence.	Diet.	Clothing and Bedding.	Bazar Medicines.
1	2	3	4	5	6	7	8	9	10	11	12
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Hyderabad (Sir Cowasji Jehangir).	40,562	26,236	4,347	29,629	175	1,00,949	14,370	4,665	23,137	952	142
Total ... 1940 ...	40,562	26,236	4,347	29,629	175	1,00,949	14,370	4,665	23,137	952	142
Total ... 1939 ...	39,351	19,473	2,433	22,915	160	84,332	14,623	4,964	19,088	411	501
Total ... 1938 ...	36,95o	22,980	2,567	17,628	292	80,417	16,003	2,035	15,301	248	22

CHARGES—*contd.*

Name of Mental Hospital.	Contingencies. Contingencies Proper.	Repairs and Maintenance.	Rates and Taxes.	Remitted into the Treasury on account of Paying Patients, etc.	Miscellaneous Items.	Total of Columns 8—17.	Book Charges. Charges on accounts of works done by the Public Works Department.	Cost of Printed Forms and Stationery.	Cost of English Stores, Medicines, etc.	Total of Columns 18—21.	Remarks.
1	13	14	15	16	17	18	19	20	21	22	23
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Hyderabad (Sir Cowasji Jehangir).	1,535	109	...	26,410	...	71,320	24,451	210	4,968	1,00,949	
Total ... 1940 ...	1,535	109	...	26,410	...	71,320	24,451	210	4,968	1,00,949	
Total ... 1939 ...	2,053	144	...	19,633	...	61,417	16,607	88	6,220	84,332	
Total ... 1938 ...	2,205	...	...	23,272	3,703	62,789	15,428	2,106	94	80,417	

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